

Title (en)
ADAPTIVE AUDIO CONSTRUCTION

Title (de)
ADAPTIVE AUDIO-KONSTRUKTION

Title (fr)
CONSTRUCTION AUDIO ADAPTATIVE

Publication
EP 3254477 A1 20171213 (EN)

Application
EP 16705878 A 20160202

Priority
• US 201562111479 P 20150203
• US 2016016187 W 20160202

Abstract (en)
[origin: WO2016126715A1] Described herein is a method for creating an object-based audio signal from an audio input, the audio input including one or more audio channels that are recorded to collectively define an audio scene. The one or more audio channels are captured from a respective one or more spatially separated microphones disposed in a stable spatial configuration. The method includes the steps of: a) receiving the audio input; b) performing spatial analysis on the one or more audio channels to identify one or more audio objects within the audio scene; c) determining contextual information relating to the one or more audio objects; d) defining respective audio streams including audio data relating to at least one of the identified one or more audio objects; and e) outputting an object-based audio signal including the audio streams and the contextual information.

IPC 8 full level
H04R 3/00 (2006.01); **H04S 7/00** (2006.01)

CPC (source: EP US)
G10L 19/008 (2013.01 - EP); **H04R 5/027** (2013.01 - US); **H04S 7/00** (2013.01 - EP US); **H04S 7/30** (2013.01 - EP); **H04S 7/303** (2013.01 - US); **H04R 3/005** (2013.01 - EP US); **H04S 3/006** (2013.01 - EP); **H04S 2400/11** (2013.01 - EP US); **H04S 2400/15** (2013.01 - EP US)

Citation (search report)
See references of WO 2016126715A1

Designated contracting state (EPC)
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Designated extension state (EPC)
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WO 2016126715 A1 20160811; EP 3254477 A1 20171213; US 10321256 B2 20190611; US 10728688 B2 20200728;
US 2018014139 A1 20180111; US 2019281404 A1 20190912

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